- 20. (NEW) The method of claim 19 wherein said forming of said lignocellulose-containing material into said mat includes disintegrating said lignocellulose-containing material into a plurality of particles or fibers and glue-coating said plurality of particles or fibers.
- 21. (NEW) The method of claim 19 wherein said pressing of said patterned board is carried out while retaining said pattern on said board.
- 22. (NEW) The method of claim 19 wherein said machining of said board comprises at least one milling step.
- 23. (NEW) The method of claim 19 including modifying said patterned board prior to said pressing of said patterned board.
- 24. (NEW) The method of claim 19 including modifying said patterned board during said pressing of said patterned board.
- 25. (NEW) The method of claim 23 or 24 wherein said modifying of said patterned board comprises applying a sealing surface layer to said patterned board.
- 26. (NEW) The method of claim 23 or 24 wherein said modifying of said patterned board comprises applying a pre-glued film to said patterned board.
- 27. (NEW) The method of claim 23 or 24 wherein said modifying of said patterned board comprises applying a laminate to said patterned board.
- 28. (NEW) The method of claim 19 including applying a further pattern to said patterned board subsequent to said forming of said pattern on said board.
- 29. (NEW) The method of claim 19 wherein said pressing of said patterned board comprises densifying a surface layer of said patterned board.
- 30. (NEW) The method of claim 19 wherein said forming of said pattern on said board includes removing a portion of said lignocellulose-containing material and including recycling a portion of said lignocellulose-containing material for use in manufacturing said board.

- '31. (NEW) Apparatus for manufacturing boards from lignocellulose-containing material comprising a pre-press for compressing a mat of said lignocellulose-containing material to provide a board having a substantially uniform density, at least one cutting machine for forming a pattern on said board so as to provide a patterned board while retaining said substantially uniform density, and a press for pressing said patterned board to form a finished board.
- 32. (NEW) The apparatus of claim 31 wherein said cutting machine includes at least one milling machine.
- 33. (NEW) The apparatus of claim 31 including surface layer modifying means for modifying a surface layer of said patterned board.
- 34. (NEW) The apparatus of claim 33 including laminating means for modifying said patterned board.
- 35. (NEW) The apparatus of claim 34 wherein said laminating means comprises means for applying reinforcing or sealing material to said patterned board.
- 36. (NEW) The apparatus of claim 31 wherein said press comprises a continuous press including press elements for contacting said patterned board including a pattern corresponding to said pattern formed by said cutting machine.
- 37. (NEW) The apparatus of claim 31 including cutting means for cutting said board into a plurality of board lengths, and wherein said press comprises a discontinuous press including press elements for contacting said plurality of board lengths including a pattern corresponding to said pattern formed by said cutting machine.
- 38. (NEW) The apparatus of claim 31 wherein said press includes densifying means for densifying a surface layer of said patterned board.

## REMARKS

The above-noted cancellation of claims 1-18, and addition of new claims 19-38, as well as the submission of a new Abstract and revisions to the Specification, are respectfully